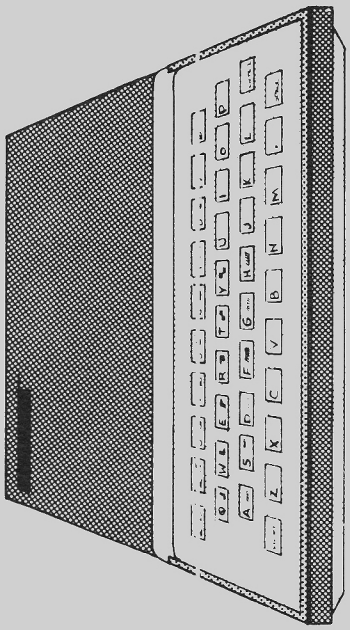
CATALOG

software

PROFESSIONAL
BUSINESS
GRAPHICS
GAMES
HOBBY
PERSONAL



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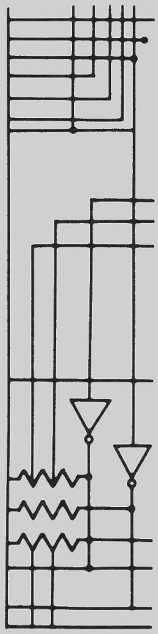

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robotec, inc.

251 first st. ampoint
perrysburg, ohio 43551
(419) 666-2410

Dear Computer User,

It's unfortunate that there are so few retail outlets which carry quality software for the Timex Sinclair line of personal computers. As a consequence if you want to buy the software you see advertised and reviewed you must order it through the mail.

We at Robotec, Inc. are working to improve this situation in two ways. First we are attempting to change the thinking of the distributors and dealers who feel that software for the Timex is not priced high enough to support their customary mark-ups. (You can help us here by asking your local computer shop to stock software for the Timex.)

Second, we are making our mail and phone order sales as close to over-the-counter as possible. Most orders are shipped the SAME DAY they are received. And, we'll use NEXT DAY express mail service if you desire. Imagine, call us today and your software will be delivered to your door tomorrow! We offer friendly customer support both before and after the sale. We'll provide any information we can to help you determine if a particular program will fulfill your requirements.

We realize that satisfied customers are our most valuable asset. And we intend to keep it that way. You'll find us friendly and fair to deal with. Honest, high quality software at fair prices, delivered fast. That's what you'll get from us. And I'll guarantee it or your money back!

Very truly yours,

Gary P. Zamis, President

ORDER INFORMATION

TO ORDER: Simply fill out all of the appropriate information on the order blank below or a reasonable facsimile OR order by phone for even faster delivery. Have your VISA or MASTERCARD ready for phone orders, or remit by check, money order, or credit card for mail orders.

SHIPPING: Most orders are processed and shipped via first class mail the SAME DAY they are received. The average delivery time is 3 days in the continental U.S. OR specify NEXT DAY express mail service ($10 per cassette S&H) for overnight delivery.

GUARANTEE: All software is on high quality, 5 screw type, computer grade cassette tapes and is fully guaranteed against mechanical defects. We are proud to announce that our return rate for non-loading cassettes has been less than 2%. If, however, you should receive a defective cassette simply return it to Robotec within 15 days for an immediate replacement.

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	Total	

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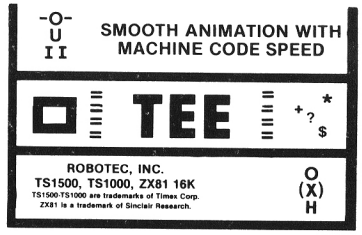


TEE

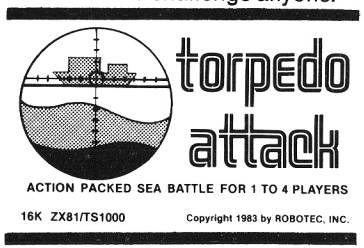
$14.95

This VERY FAST, machine language, arcade game challenges you to capture the elusive TEE. He's hiding on the top floor of the warehouse, dropping sharp rocks and money on you! You must dodge the rocks but catch the money in order to climb the ladder to the next floor. Features machine code speed, automatic scoring, twenty-four line display, and 4 levels of play: wimp, normal, insane, and (literally) IMPOSSIBLE! Requires 16K. $14.95.

PHASER WARS

$9.95

This original space battle operates in the first person showing your view as you pursue the Zarons from the seat of your fighter. (Not to be confused with those games where you watch all of the action from the side.) Once the Zaron appears in your view you maneuver your fighter until you center him in your sighting computer which then fires automatically. However, the Zaron maneuvers also making it more difficult. And if you don't fire in time he will fire first. Zaron's never miss. The sooner you fire on the Zaron the more points you score. Some Zarons are equiped with their new cloaking device which renders them invisible. But you can watch for their shadow against the stars and if you hit them they score triple. With each Zaron you destroy you have less time for the next. Each player has three turns which continue until he is destroyed. Two players complete for the best score. Requires 16K. Ten skill levels to challenge anyone.



Torpedo Attack

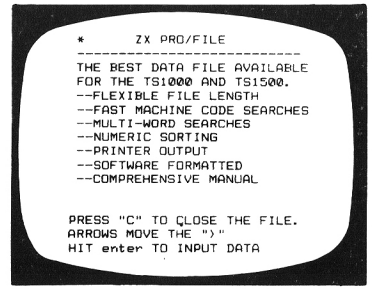
$9.95

This action packed war game puts you behind the periscope of your battle damaged submarine. You have only 5 torpedos left and the procession of enemy destroyers seems endless. You can aim your torpedos via the keyboard to compensate for the different cruising speeds of the destroyers. Up to 4 players complete against each other by scoring points. Sure the faster ships are harder to hit, but they score the most points. Each player gets three turns with five torpedos each. The competition can be fierce because with this game you play against each other instead of against the computer.

ZX Pro/File

Requires 16K minimum.

$16.95



ZX PRO/FILE is the machine language updated version of ZX DATA FINDER and is the very best available in data filing for the TS 1000 and TS 1500 personal computers. PRO/FILE does everything DATA FINDER can and much more. The search routines have been coded into machine language for virtually instant searches. In addition ZX PRO/FILE incorporates multi-word searches, a feature unavailable in other data filing programs. Enter two search words and the program will display only those files containing BOTH search words, whether in file name or in the file text. In a recipe file search for the words "chocolate" and "pudding" and the program will return only your chocolate pudding recipe. ZX PRO/FILE also incorporates software formatted printer control for hard copy. This operates in conjunction with the multi-word search so you could print mailing labels for selective mailings (customers in California, for instance). And by assigning key number to various file entries you can numerically order the printed output. The software formatting also allows the printing of only certain lines of each file entry so you can store sales information, etc. with a customer's address. Of course the file length flexibility of ZX DATA FINDER is retained so multiple files may be kept on a single cassette. If there is a data filing application not compatible with ZX PRO/FILE, we haven't yet found it! Almost 11,000 bytes capacity with 16K. Compatible with larger memories.

NOW WITH 50 PAGE USER'S MANUAL AND DATA HANDLING TUTORIAL BOOK.

ZX Data Finder

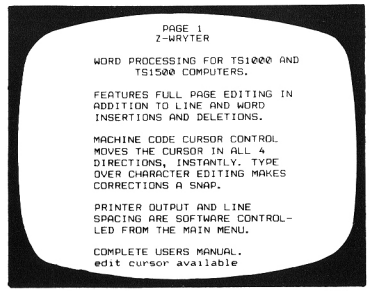
$14.95

Reviewed as "the most useful and economical data handling program I have yet found", SYNC Jan-Feb, 1983, and a "4 STAR" rating in issue #3 of Timex Sinclair User. Although the machine code updated version, ZX PRO/FILE, is now available, ZX DATA FINDER remains a superb data filing educational tool. The tutorial manual walks you through the program one step at a time, explaining the various storage, search, and retrieval functions in minute detail. The incredible utility of the program lies in its totally flexible file format. A file is created merely by naming it. It occupies only as much memory as needed to hold its contents. Numerous files can be held in memory at any one time. Files are then separated with the convenient title search and word search functions. If you forget the name of a file, simply search for a key word which you know is in the file. For instance, create a file for each day in a month for use as an appointment calendar. Then use the title search to see what appointments you have on Tuesday the 14th. Or, if you forgot what day you were to meet Mr. Jones for lunch simply run a word search for JONES. Then the program will display every file with the word JONES in it. On the same cassette you can keep several files such as phone numbers, recipes, addresses, sales prospects, inventory, or anything else up to the total memory limit. And the program will warn you when you are getting close to the limit. The only data handling program which is better is ZX PRO/FILE. With complete tutorial manual Requires 16K.

BUSINESS & PROFESSIONAL

Z-Wryter

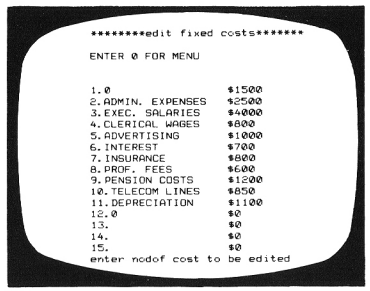
$12.95



Word processing with machine language speed. Z-WRYTER allows the user to write, save, and edit text using simple commands and powerful, machine code cursor editing. The menu driven format performs original writing and editing from the same menu option for the fast text creation. Mnemonic commands perform editing onwords, lines, or entire pages. The machine code driven cursor moves in 4 directions for fast access to text to be edited. In addition to insertions and deletions of words, lines, and pages with the shifting of the remaining text to accomodate, editing may be performed with "type-over" ease. Simply move the cursor to the text to be changed and type in the corrected copy, anywhere on the displayed page. Various pages may be exchanged on screen for quick review or editing. Compatible with printers using the keyboard print commands. Line spacing and page selection are accomplished through menu options. Page capacity with 16K is 12 pages. Capacity can be increased for larger memories. Comprehensive manual covers all functions of Z-WRYTER including adjustments for larger memories.

Profit Plan

$12.95



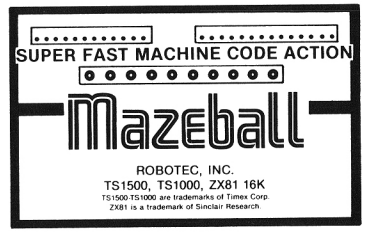
A businessman's "notepad", PROFIT PLAN mimics the function of the popular spreadsheet type of programs, specialized for the analysis of the profitability of various business proposals. For each of the five separate fact files, profit plan allows the manipulation of up to 30 costs, 15 fixed and 15 variable per unit production. The program calculates profit based on volume, and break-even point based on costs. Any one cost may be edited at any time with all affected values adjusted to compensate. Any fact set may be filed and another brought on-line for review. Work-in-progress may be saved on cassette for later recall. In addition to production analysis, PROFIT PLAN is suitable for the evaluation of any financial proposal where costs can be categorized and estimated. Can be tax deductible if used for the analysis of income producing proposals. Requires 16K.

GAMES & GRAPHICS

Timeblasters

$14.95

TIMEBLASTERS is the ULTRA-FAST machine language arcade game for serious players. The operational keys on the keyboard were selected for player comfort, not because they happen to have arrows printed on them. You guide each of your five ships through space dodging the laser blasts on the enemy. Even worse, the aliens posess a technology which allows them to speed up time. Every time you fail to destroy one of their ships or you fire and miss, time will be speeded up. You slow down time by blasting their space stations. If you can destroy 100 of their ships and stations you will receive five more ships and time will slow down a bit. 5 levels of difficulty. Requires 16K.



Mazeball

$14.95

Another high quality arcade game from the author of the popular TIMEBLASTERS. The MACHINE CODE SPEED and the 7 DIFFERENT SCREENS will absolutely keep your fingers tied in knots! You try to keep the ball in-bounds as it progresses through the 7 different mazes. Very "keyboard friendly", no "arrow keys" needed to play MAZEBALL. Requires 16K. $14.95.

Metagraphics

$14.95

METAGRAPHICS turns your computer into a graphic paintbrush for computer artistry using complete, machine code cursor control. Clever machine code subroutines move the cursor in all directions (including diagonally) leaving any of the 64 Sinclair characters in its path. Pictures can be drawn and shaded with the unique METAGRAPHICS feature which fools the computer into using the first ½K of the operating system for a dot table, resulting in an endless variety of shading patterns. Or the background may be filled with any of the regular characters or left blank. Provisions are made for the user to enter his own subroutine whick may be accessed with a single keystroke. Here you can write your own games using METAGRAPHICS to produce the graphic display. Pictures may be saved on cassette for later display. MEATGRAPHICS is simple enough for a child to use yet will delight any adult. Complete manual. Requires 16K.

EZ-Hex

$12.95

```
*********ez1hex menu***********

PRESS NUMBER OF FUNCTION YOU
WISH TO PERFORM

     1. HEX TO DEC CONVERSION
     2. DEC TO HEX CONVERSION
     3. LIST PROGRAM CODE
     4. WRITE NEW PROGRAM
     5. INSERT CODE
     6. DELETE CODE
     7. SAVE PROGRAM
     8. COUNT PROGRAM LENGTH
     9. TEST PROGRAM
     0. SET RAMTOP
     T. BLOCK TRANSFER
     E. ERASE BLOCK

MENU AT PROGRAM LINE 3000
```

EZ-HEX allows the machine language programmer to manipulate machine language programs with menu driven ease. The 12 item main menu facilitates quick transfers between the various functions. In the write mode machine code can be placed anywhere in memory. The edit functions allow the insertion and deletion of code within programs and also block transfers, moving entire blocks of code from one location to another. Code can be listed from anywhere (including ROM). The display shows the address, the machine code instruction, the and Sinclair character equivalent of each instruction. Additional utility functions count the program length, test the program, move ramtop, and convert numbers from hex to decimal and from decimal to hex. Finally, code can be saved in such a way that it returns to its original address upon reloading. Comes with complete user's manual. Requires 16K.

Checkstub

$12.95

CATEGORY	TOTAL	PERCENT
UTILITIES	$75.45	9.25
GROCERIES	$119.5	14.66
MEDICAL	$80	9.81
YARD/GARDEN	$17.9	2.2
CREDIT CARDS	$251.04	30.79
APPLIANCES	$174.1	21.35
INSURANCE	$78.5	9.63
TAXES/FEES	$3.9	0.48
PETS	$15	1.84
DEPOSITS	$906.42	0
	$815.39	

CHECKSTUB is a combination check register and budget analysis tool. It allows the keeping of the checkbook records on cassette and, of course, does all of the calculations required. In addition CHECKSTUB lets you assign each check written to one of 30 user defined categories. Then, the checks written can be reviewed by month, year, or expenditure. The month or year display shows the date, check number, amount, and payee. The balance is displayed after each check. Any check can be edited or voided and all subsequent balances will be revised to reflect the change. The budget menu allows analysis by category or time period. If a category is chosen, all checks assigned to that category for the period are shown with the total and the per cent of all checks written for the period. If a time period is chosen the display includes the categories charged during the period, the amount charged per category, and each category's per cent of the total expenditures. Each period may be saved on tape providing a permanent record. Printers using the keyboard COPY command can provide hard copy. Capacity is 100 checks with 16K. Compatible with larger memories. Comes with complete user's manual. All entries (deposits, service charges, etc.) can be included.

Gradebook

$12.95

```
ADAMS   : 88 77 77 75   VARIANCE = 129.6
ANDREWS: 76 58 68 86    STD. DEV. = 11.38
BAKER   : 58 78 97 77   COEF. OF VAR. = 0.14
BOWERS  : 79 96 84 91
ESTEP   : 95 87 61 58   BEST EXAM:
FELDER  : 82 88 85 77     WILSON      93
HOULTER: 66 67 72 66
JERTRAM: 73 96 77 93    WORST EXAM:
KILLEY  : 81 88 74 75     POLK        45
MARKS   : 91 79 68 72
MEADS   : 94 91 55 78   NUMBER OF EXAMS = 20
MILES   : 79 72 78 84
NELSON  : 83 75 93 67
NOLAN   : 75 66 84 82
PETERSO: 66 79 68 79
POLK    : 40 61 53 45
SMITH   : 78 73 77 77
THOMAS  : 88 78 93 86
WEST    : 69 94 87 79
WILSON  : 72 99 96 93
```

GRADEBOOK is a program written by teachers for teachers, designed to replace the traditional student recordkeeping function. Permanent grade records can be kept on cassette or printed using the keyboard copy command. GRADEBOOK will alphabetize the roster and assign different weights to various grades such as exams, quizzes, projects, etc. New names may be added during the term and old ones deleted. Scores may be revised at any time. The statistical analysis for any set of scores calculates the mean, variance, standard deviation, coefficient of variation, and more. The final analysis function calculates the weighted averages for each student and ranks them to facilitate the determination of grade break-off points. You have the option of curving scores by having the mean of the cumulative distribution standardized to 500 and the standard deviation to 100. Comes with complete user's manual. Requires 16K.

Graph I&II

$14.95

GRAPH I AND GRAPH II
GRAPHIC ANALYSIS PACKAGE
16K ZX81/TS1000
Copyright 1983 by ROBOTEC, INC.

Indispensable for anyone working with algebra, trigonometry, analytic geometry, or calculus. These programs will graph most equations in the Cartesian Coordinate system. You enter the equation(s) and the program plots and connects points and labels the graph by rewriting the equation in standard form. GRAPH I plots one graph and GRAPH II plots two equations simultaneously. The programs protect against most error conditions such as division by zero, and raising a negative variable to a power. There are few restraints on the form of the equation other than the mathematical limits of the computer. Items such as nested powers (y = (((x**2 + 3)**3 + 7)**2 – 5)) are allowed. Also handles trig functions and logs. Easy to use with complete instructions. Requires 16K.

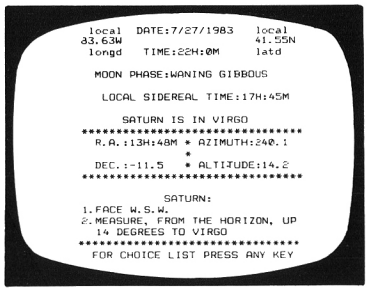
Distacalc

$12.95

Especially for ASTRONOMERS, NAVIGATORS, HAMS, and GEOGRAPHERS. DISTACALC accurately determines the great circle distance between any two points on Earth based on their respective latitudes and longitudes. The program comes with over 90 world cities already on file. Other points may be added to personalize your files. After entering your two points of interest, DISTACALC reports their distance in statute and nautical miles and kilometers. The program also shows a rough estimation of the azimuth heading from point 1 to point 2. A dead reckoning mode available from the main menu returns your updated location after you enter your previous location, distance traveled, and azimuth heading. The cities currently on file may be reviewed and unwanted entries may be deleted while new ones are added. The complete users manual thoroughly explains all program functions. Requires 16K.

Ephemeris V

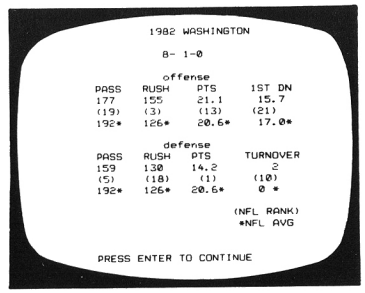
$14.95



EPHEMERIS V is a deluxe planet finder for amateur astronomers, accurate anywhere on Earth for the years 1920 to 2020. It tells where to look or point a telescope to find Mercury, Venus, Mars, Jupiter, or Saturn. The display gives the right ascension, declination, azimuth, and altitude for the planet chosen as well as simple directions for approximating its location. If not visible at the time chosen the time of the next transit is given. The current Moon's phase, the local sidereal time, and the constellation of the planet are also reported. A graphic display of the planet in its constellation may then be chosen from the menu. Selections from the main menu also include the location of the Sun and Moon and facilities for approximating the location of any given point (nebulae, stars, clusters, etc.). When combined with ZX PRO/FILE for keeping an observation log and astronomical data base these programs provide a complete software library for the serious astronomer. EPHEMERIS V comes with a complete users manual. Requires 16K.

NFL STATISTICAL SUMMARY USFL

$14.95



All of the football statistics we could cram into 16K. The program contains complete statistics for every team in the league for two entire seasons. Various years are available. For instance if you order the NFL 1981-83 version you get complete statistics for the 1981-82 and 1982-83 seasons. If you order the version covering the last season and the upcoming season, the schedules for the upcoming season are in the data base. Then after each week of the current season you utilize the unique "updating feature" and enter the scores and statistics for the games played that week. The comprehensive manual shows you how to make the entry from the information published in most newspapers. Then the program recalculates all of the averages and rankings so you always have the most up-to-the-minute information. The statistics can be displayed by team or by division:

*TEAM DISPLAY - Shows the team's win/loss record and per game averages of offensive and defensive statistics such as yards rushing, yards passing, points scored and given up, first downs, turnovers, and more. Each statistic is also ranked against all of the other teams in the league. Next you can call up the team's schedule which shows the week, the opponent, the home team, and the score (if the game has been played).

*DIVISION DISPLAY - Shows all of the teams in the division arranged according to their current win/loss record. All of the statistics shown in the team display are repeated here for each team in condensed form. This makes comparison of all teams in a division possible at a glance.

And all of this is in memory for either of the two seasons in the data base. You can quickly move from one display to another using the convenient, menu driven format. The complete manual explains all of the program functions and how to update the statistics weekly during the current season. Requires 16K. Versions currently available: NFL 1981-83, NFL 1982-84, USFL 1983 (one year only).